

# **YEAR 9 2012**

## **ELECTIVE SUBJECT CHOICES**

Dear Parents and Caregivers,

It is time for Year 8 students to select the subjects they wish to study for Year 9 and Year 10.

Marsden High School offers a wide range of elective subjects. We aim to cater for individual needs, talents and interests through the study of relevant and meaningful courses.

This booklet is designed to provide a greater understanding of the nature and content of the various elective choices offered at Marsden High School. We hope it will help you in planning your child's course of study.

This year students must complete their selection of electives online then print off their form, have it signed by a parent or carer, and then hand into their Year Advisor, Ms Hsu. The school can then begin to organise classes and timetables for next year. Students will probably be able to study two of their first three choices. Occasionally this may not be possible so a fourth and fifth choice is required. Every effort will be made to satisfy student's choices.

Students are reminded that a number of subjects, particularly those in the Technological and Applied Studies and Creative Arts Key Learning Areas, require a contribution to cover the cost of materials and resources used. The contribution will vary with the course and can be expensive. Students who are unable to make the contributions will need to supply their own materials and resources for each of the projects or practical exercises. If this creates a problem the Principal will need to be contacted so that alternate arrangements can be made regarding the materials and the resources used. The materials contribution for each subject is contained in the notes for each course.

Take time to plan and select your subjects carefully. Remember to select electives that you have an interest in and will enjoy studying. If you have any further queries, please contact either myself or the relevant subject head teacher.

Denise Lofts  
Principal

# Major Changes to School Certificate from 2012

On 4 August 2011, the Minister for Education announced that School Certificate tests would not continue beyond 2011.

The 2011 School Certificate will not be affected.

## No More School Certificate

The year 10 School Certificate exam will be scrapped and replaced with another exit credential which reports student achievements up until the time they leave school - whether it is at the end of year 10 or part-way through year 11 or 12.

The NSW Education Minister, Adrian Piccoli, said a new qualification would report on all student achievements, regardless of whether the student leaves school part-way through year 11 or 12.

He said the decision was made as a result of consultation undertaken by the Board of Studies and with key stakeholder groups representing principals, teachers, parents, and all school sectors.

The NSW Board of Studies has been asked to develop an alternative credential.

Mr Piccoli said stakeholder groups wanted something "recognising a wider range of student achievement", which would be "more easily understood by employers, fairer and reliable".

Courtesy Sydney Morning Herald 4/8/2011

More information is available on the Board of Studies website:

- [www.boardofstudies.nsw.edu.au](http://www.boardofstudies.nsw.edu.au)

# Year 9 2012

In Year 9 **ALL** students will study the following **compulsory subjects**:

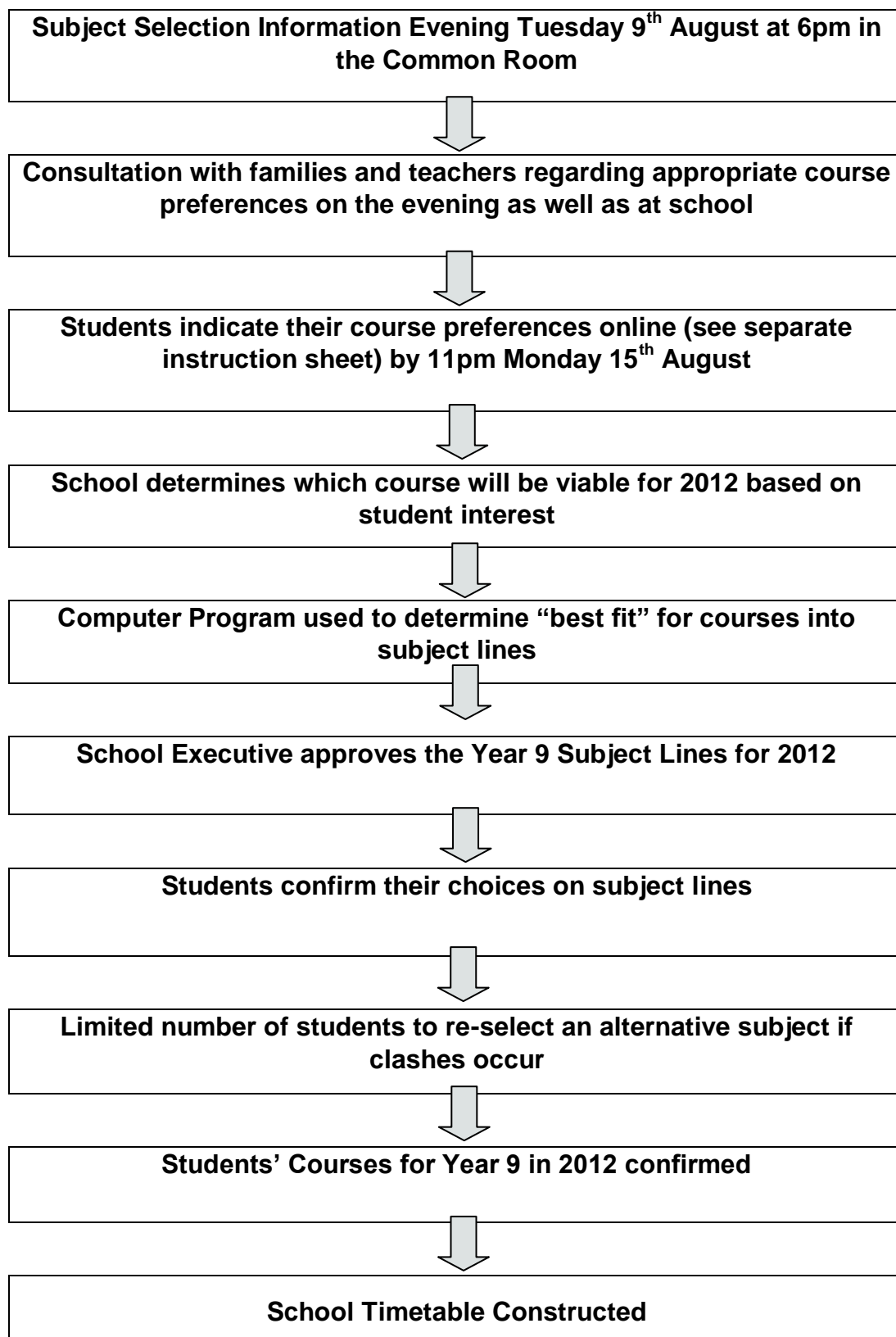
- ENGLISH
- MATHEMATICS
- SCIENCE
- HISTORY
- GEOGRAPHY
- PERSONAL DEVELOPMENT, HEALTH & PHYSICAL EDUCATION
- SPORT

Students will also be required to study **two (2) elective subjects**.  
Students may choose from:

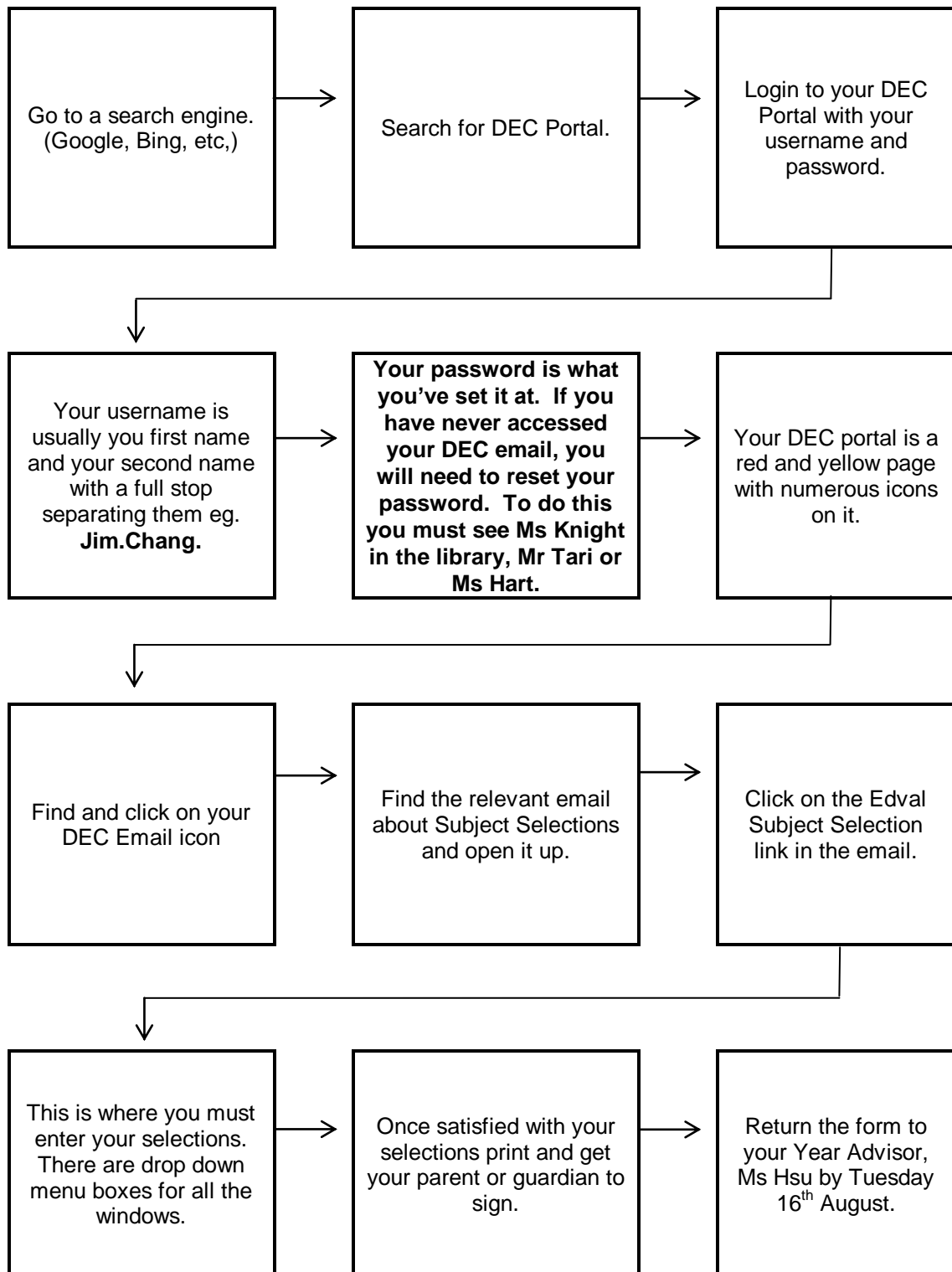
- CHINESE
- COMMERCE
- DRAMA
- FOOD TECHNOLOGY
- HISTORY
- INDUSTRIAL TECHNOLOGY- ENGINEERING
- INDUSTRIAL TECHNOLOGY – GRAPHICS
- INDUSTRIAL TECHNOLOGY – METAL
- INDUSTRIAL TECHNOLOGY – WOOD
- INFORMATION & SOFTWARE TECHNOLOGIES
- JAPANESE
- KOREAN
- MARINE & AQUACULTURE TECHNOLOGY
- MUSIC
- PHOTOGRAPHY & DIGITAL IMAGING
- PHYSICAL ACTIVITY & SPORT STUDIES (PASS)
- TEXTILE TECHNOLOGY
- VISUAL ARTS
- WORK EDUCATION

**It is important to remember that elective subjects can only be timetabled if there are sufficient students interested to form a class – usually a minimum of fifteen students.**

# TIMELINE



# PROCEDURE FOR SELECTING SUBJECTS



# CHINESE

The study of languages provides opportunities for students to become more accepting of diversity, more respectful of others and more aware of their place in the international community.

**This course is for beginners.**

## YEAR 9 TOPICS

The components of this course are :

- Speaking
- Listening
- Reading
- Writing

Students will cover a range of topics eg.

- Meeting people
- Shopping
- Travel
- Special Occasions



## YEAR 10 TOPICS

The components of this course are :

- Speaking
- Listening
- Reading
- Writing

Students will cover a range of topics eg

- Eating out
- Future Plans
- Sports

## PERSONAL QUALITIES REQUIRED TO COMPLETE THIS COURSE:

This course caters for students of all abilities. Knowledge, skills and attitudes developed by these students will have relevance to possible career paths especially in the business world and money market as well as general life experiences.

## SKILLS DEVELOPED DURING THE COURSE:

- Literacy
- Ability to communicate across cultures
- A better understanding of the student's own language
- Listening
- Speaking
- Reading
- Writing

## RELATED SUBJECTS IN YEAR 11 AND YEAR 12:

- ✓ Chinese Continuers 2 unit

## COSTS ASSOCIATED WITH THE COURSE:

Workbooks associated with the course  
Chinese/English dictionary (recommended)

# COMMERCE

Commerce develops in students the ability to research information, apply problem-solving strategies and evaluate options in order to make informed and responsible decisions as individuals and as part of the community.

YEAR 9 TOPICS
Core Topics:
<ul style="list-style-type: none"><li>• Consumer Choice</li><li>• Personal Finance</li></ul>
Option Topics:
<ul style="list-style-type: none"><li>• Investing</li><li>• Promoting and Selling</li><li>• Towards Independence</li><li>• Running a Business</li></ul>



YEAR 10 TOPICS
Core Topics:
<ul style="list-style-type: none"><li>• Law and Society</li><li>• Employment Issues</li></ul>
Option Topics:
<ul style="list-style-type: none"><li>• Political Involvement</li><li>• Travel</li><li>• Law in Action</li><li>• Our Economy</li></ul>

## PERSONAL QUALITIES REQUIRED TO COMPLETE THIS COURSE:

Commerce is best suited to students who are interested in working very hard to extend their learning. The ability to write for extended periods and speak effectively is advantageous.

## SKILLS DEVELOPED DURING THE COURSE:

- Effective and efficient research
- Communication
- Integrated computer technology

## RELATED SUBJECTS IN YEAR 11 AND YEAR 12:

- ✓ Business Studies
- ✓ Economics
- ✓ Legal Studies
- ✓ VET Retail

**COSTS ASSOCIATED WITH THE COURSE:** Excursions where relevant

# DRAMA


Elective Drama in Years 9 and 10 encompasses the broad range of dramatic activities, encouraging **self-confidence, expression and creativity**.

Drama students spend the majority of their study time in practical exploration of human behaviour and the way it is performed for audiences. Students study drama skills, styles and the theory of these. They are encouraged to continually reflect on their own learning.


They learn different **acting styles** and **presentation skills** that give them the confidence to be better performers and also an advantage as public speakers and presenters in their other school subjects.

POSSIBLE STAGE 5 TOPICS		POSSIBLE STAGE 5 TOPICS
<ul style="list-style-type: none"> <li>• Improvisation</li> <li>• Playbuilding</li> <li>• Melodrama</li> <li>• Mime</li> <li>• Characterisation and Scripting</li> <li>• Comedy and Clowning</li> </ul>	  	<ul style="list-style-type: none"> <li>• Theatre Practitioners</li> <li>• Street/Environmental and Political Theatre</li> <li>• Inside the Theatre</li> <li>• Commedia del Arte</li> <li>• Greek Drama</li> <li>• Aboriginal Theatre</li> </ul>

## PERSONAL QUALITIES REQUIRED TO COMPLETE THIS COURSE:

<ul style="list-style-type: none"> <li>• An interest in acting and/or other theatre areas eg. scriptwriting.</li> <li>• An outgoing personality or someone who would like to be more outgoing.</li> <li>• Maturity and the ability to focus on work both individually and as a group.</li> <li>• The ability to try new things and go beyond your safety zone.</li> <li>• The ability to have fun learning.</li> </ul>	
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## SOME SKILLS DEVELOPED DURING THE COURSE:

<ul style="list-style-type: none"> <li>• Self confidence</li> <li>• Script writing</li> <li>• Expressive skills – vocal, movement</li> <li>• Stage production techniques</li> <li>• Acting techniques and styles</li> <li>• Understanding of the history of theatre</li> </ul>	
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## RELATED SUBJECTS IN YEAR 11 AND YEAR 12

- ✓ Drama 2 unit

**COSTS ASSOCIATED WITH THE COURSE:** Fees are \$20 each year. Any excursion costs will be additional.



# FOOD TECHNOLOGY

This course focuses on the study of domestic, commercial and industrial applications of Food Technologies.

POSSIBLE YEAR 9 TOPICS		POSSIBLE YEAR 10 TOPICS
<ul style="list-style-type: none"> <li>• <b>Food Preparation and Processing</b></li> <li>• <b>Nutrition</b></li> <li>• <b>Food In Australia</b></li> <li>• <b>Food For Special Occasions</b></li> </ul> <p><b>Example Recipes:</b>            Apple and Oatmeal Cookies            Gourmet Hamburgers            Carrot Cake            Sushi            Chocolate Fudge Slice            Jams/Relishes/Preserves/Lemon Butter            Wattleseed Mousse            Filo Rolls/Meat Pies            Meatloaf            Cupcakes/Butterfly Cakes            Sausage Rolls            Lemon Meringue Pie            Children's Party Cakes</p>	     	<ul style="list-style-type: none"> <li>• <b>Food Equity</b></li> <li>• <b>Food Trends</b></li> <li>• <b>Food Product Development</b></li> <li>• <b>Food Service and Catering</b></li> </ul> <p><b>Example Recipes:</b>            Tortillas            Chicken and Corn Soup            Pudding            Rissoles            Fruit Crumble            Omelettes            Butter Chicken            Muffins            Kebabs            Chocolate boxes</p>

## PERSONAL QUALITIES REQUIRED TO COMPLETE THIS COURSE:

- Enjoy practical work
- High standard of personal cleanliness
- Attention to detail
- Good hand-eye coordination
- Able to work as part of a team.

## SKILLS DEVELOPED DURING THE COURSE:

- Taste testing and evaluation
- Recipe formulation and implementation
- Food presentation and food styling
- Design, plan and prepare a range of menu items suitable for a range of occasions
- Critically evaluate commercial and home cooked foods for nutrition and value
- Appreciate variety and abundance of food in Australia
- Food safety and Occupational Health and Safety skills.

This course caters for students of all abilities. The knowledge, skills and attitudes developed by these students will have relevance to possible career paths and general life experiences.

## RELATED SUBJECTS IN YEAR 11 AND YEAR 12:

- ✓ Food Technology 2 Unit
- ✓ VET Hospitality 2 Unit
- ✓ Design and Technology 2 Unit

**COSTS ASSOCIATED WITH THE COURSE:** Yr 9 - \$50 Yr 10 - \$50

# HISTORY

The aim of Elective History is to enable students to acquire the historical skills, knowledge and understanding, and values and attitudes essential to an appreciation of the past and to prepare students for informed and active citizenship in a changing world.

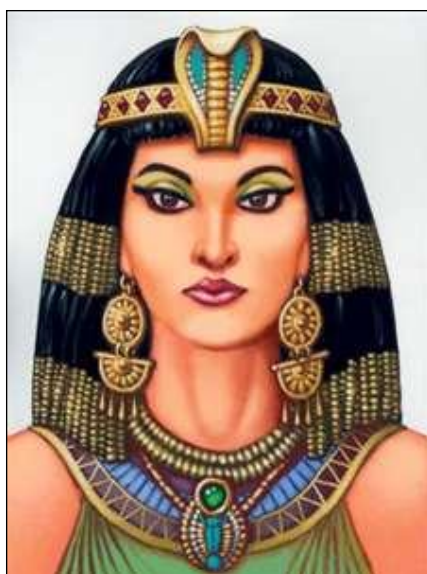
The focus issues for Elective History are:

- How did people in past societies and period live?
- In what ways does the study of past societies contribute to our understanding of the present?
- What have been the origins and nature of some of the significant issues in the modern world?
- How have significant issues influenced the modern world?

## POSSIBLE YEAR 9 TOPICS

**EXCITING TOPICS MAY INCLUDE (But are not limited to):**

- Archaeology (Indiana Jones style)
- History Mysteries
- History meets Hollywood
- Civil Rights Movement
- Heroes and Villains
- Vicious Vikings
- Blood Sports



## POSSIBLE YEAR 10 TOPICS

- Outrageous Leaders
- Tomb Raiders
- Dead Men Tell Tales
- Myths and Legends
- Ancient Warriors and Warfare
- Crime, Law and Punishment

## PERSONAL QUALITIES REQUIRED TO COMPLETE THE COURSE:

- Interest in performance
- Interest in developing technology skills
- Willing to explore a range of ways to express ideas excitingly and creatively

## SKILLS DEVELOPED DURING THE COURSE:

- Commitment to informed and active citizenship
- Commitment to a just society
- Appreciation of the study of History
- Empathetic understanding


## RELATED SUBJECTS IN YEAR 11 AND YEAR 12:

- ✓ Modern History
- ✓ Ancient History

**COSTS ASSOCIATED WITH THE COURSE:** Excursions where relevant

# INDUSTRIAL TECHNOLOGY- ENGINEERING

This practical subject allows students to explore the many areas of Engineering through workshop experiences. The course has 70% of the outcomes based on practical experiences with 30% written and sketching work. Modules covered in the course include Engineered Structures, Mechanisms, Control Systems and Alternative Energy. Students will receive a copy of Prodesktop (3D drawing programme) to install on their home computer.

YEAR 9 TOPICS		YEAR 10 TOPICS
<p>Projects include:</p> <ul style="list-style-type: none"> <li>• Centre punch</li> <li>• Bridge design, building and testing</li> <li>• Clamp</li> <li>• Trebuchet construction</li> <li>• Solid edge exercises</li> <li>• Co<sup>2</sup> car</li> <li>• Bottle rocket</li> <li>• Water tower</li> </ul> <p>Topics addressed:</p> <ul style="list-style-type: none"> <li>• Safe use of hand and power tools</li> <li>• Properties of materials</li> <li>• Structures and forces</li> <li>• Historical achievements</li> </ul>		<p>Projects include:</p> <ul style="list-style-type: none"> <li>• CNC lathe work</li> <li>• solar power model car and the Solar Schools programme</li> <li>• H2O Dragster trebuchet</li> </ul> <p>Topics addressed:</p> <ul style="list-style-type: none"> <li>• sketching and Prodesktop skills</li> <li>• ceramics and polymers</li> <li>• links to industry</li> <li>• engineering report writing</li> </ul>

## PERSONAL QUALITIES REQUIRED TO COMPLETE THIS COURSE:

- enjoyment of working and developing skills with hand and power tools
- constructing structures and experimenting with concepts of the engineered world

## SKILLS DEVELOPED DURING THE COURSE:

- OH&S
- Risk Management
- Material Properties
- Equipment, Tools and Machines for Construction
- Engineering Principles and Processes
- Links to Industry
- Engineering Design
- Workplace Communication
- Societal and Environmental Impacts.


## RELATED SUBJECTS IN YEAR 11 AND YEAR 12:

- ✓ **Engineering Studies** 2 unit
- ✓ **Industrial Technology** 2 unit
- ✓ **Design and Technology** 2 unit

**COSTS ASSOCIATED WITH THE COURSE:** Yr 9 - \$30 Yr 10 - \$30

# INDUSTRIAL TECHNOLOGY - GRAPHICS

Graphical communication overcomes the barriers of language and cultural diversity through the universal standards of images. Students who wish to pursue any activity that requires “visual literacy” will benefit from the wide range of experiences found in this subject. These could include Design, Film-making and the Visual Arts. 60% of the course work will be completed using the computers and all software will be available for use at home.

YEAR 9 TOPICS		YEAR 10 TOPICS
<p>Topics addressed:</p> <p><b>Drawing Board Task:</b></p> <ul style="list-style-type: none"><li>• Orthographic drawing</li><li>• Isometric and perspective</li><li>• Maps, signs, logos, screen printing</li></ul> <p><b>Computer Based:</b></p> <ul style="list-style-type: none"><li>• Prodesktop and product design</li><li>• Sketch up</li><li>• Anim8or</li><li>• Intro to Flash</li></ul>		<p>Topics addressed:</p> <ul style="list-style-type: none"><li>• <b>Archicad</b> and house design</li><li>• <b>Prodesktop</b> and introduction to animation</li><li>• Rendering using <b>Photoshop</b> and traditional techniques</li><li>• Australian Drawing Standards</li><li>• Layout and desktop publishing</li></ul>

Prodesktop F1

## PERSONAL QUALITIES REQUIRED COMPLETING THIS COURSE:

- A willingness to look at the world from different viewpoints
- A willingness to use up to date technology
- Independent worker.

## SKILLS DEVELOPED DURING THE COURSE:

- Drawing using instruments (for accurate representations)
- Freehand drawing (for quick idea communicating, or certain rendered or enhanced drawings)
- Computer Aided Drafting (using 3D modelling programs such as Prodesktop, Anim8or and Sketch Up)


## RELATED SUBJECTS IN YEAR 11 AND YEAR 12

- ✓ Engineering Studies 2 Unit,
- ✓ Industrial Technology 2 Unit
- ✓ Design and Technology 2 Unit

**COSTS ASSOCIATED WITH THE COURSE:** Yr 9 - \$15 Yr 10 - \$15

# INDUSTRIAL TECHNOLOGY – METAL

Knowledge and skills will be developed in the areas of Metal Machining, Fabrication, Sheet metal, Art Metal and Jewellery. Our workshops are very well equipped and the structure of the course allows for student input through Design and Planning as practical skills are developed. The course has 70% of the outcomes based on practical experiences with 30% written and sketching work.

YEAR 9 TOPICS		YEAR 10 TOPICS
<p>Projects include:</p> <ul style="list-style-type: none"> <li>• G clamp, Try square, plumb bob</li> <li>• Tool box, pencil box, trinket box</li> <li>• Garden sculpture</li> <li>• Rings and pendants</li> <li>• Use of the CNC lathe</li> </ul> <p>Topics addressed:</p> <ul style="list-style-type: none"> <li>• The safe use of hand tools and portable power tools</li> <li>• Sustainability and recycling</li> <li>• Design, form and function</li> </ul>		<p>Projects include:</p> <ul style="list-style-type: none"> <li>• Tubular and wrought furniture such as tables, chairs and shelving</li> <li>• Wood lathe</li> <li>• Bicycle frame manipulation</li> <li>• Block plane</li> <li>• Barbeques</li> <li>• Use of the CNC lathe</li> </ul> <p>Topics addressed:</p> <ul style="list-style-type: none"> <li>• OH&amp;S with power tools</li> <li>• Furniture design</li> <li>• Finishing techniques</li> <li>• Welding and brazing</li> </ul>

Steel Side Table

## PERSONAL QUALITIES REQUIRED TO COMPLETE THIS COURSE:

- Enjoyment of working and developing skills with hand and power tools
- Working with steel, copper, brass, aluminium and Perspex
- Independent worker

## SKILLS DEVELOPED DURING THE COURSE:

- Machining using the Lathe, Mill and Drill Press
- Joining techniques including MIG welding, soldering, brazing, rivets and tapping threads
- Appreciation of form, the properties of metals and the longevity of a good finish
- Creativity and design skills

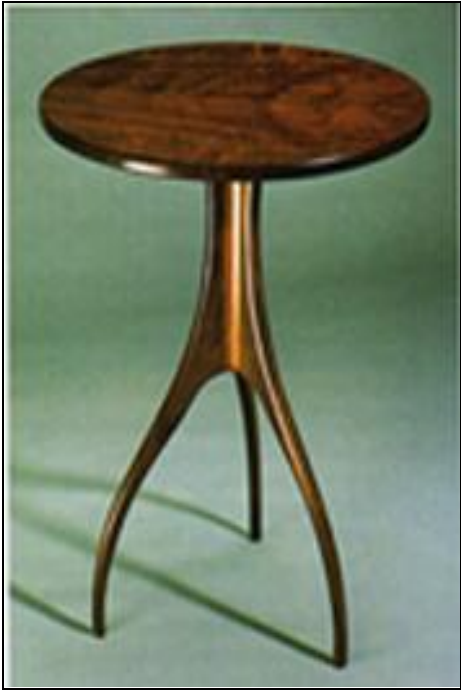
## RELATED SUBJECTS IN YEAR 11 AND YEAR 12:

- ✓ Engineering Studies 2 Unit,
- ✓ Industrial Technology 2 Unit
- ✓ Design and Technology 2 Unit

**COSTS ASSOCIATED WITH THE COURSE:** Yr 9 - \$30 Yr 10 - \$30

# INDUSTRIAL TECHNOLOGY – WOOD

Timber is a beautiful natural resource that can be shaped and joined to form an endless array of useful objects. Our workshops are very well equipped and the structure of the course allows for student input through Design and Planning as practical skills are developed. The course has 70% of the outcomes based on practical experiences with 30% based on written and sketching work.

YEAR 9 TOPICS		YEAR 10 TOPICS
<p>Projects include:</p> <ul style="list-style-type: none"><li>• Model yachts, cars and moving toys</li><li>• Kitchenware</li><li>• Turned lidded bowls</li><li>• Small carvings</li><li>• Skateboards</li><li>• Turned mallet</li><li>• Green timber turning and microwave seasoning</li></ul> <p>Topics addressed:</p> <ul style="list-style-type: none"><li>• The safe use of hand tools and portable power tools</li><li>• Sustainability and recycling</li><li>• Design, form and function</li><li>• Growth of trees and timber conversion</li></ul>		<p>Projects include:</p> <ul style="list-style-type: none"><li>• Tripod table of students design</li><li>• Turned salad bowl or platter</li><li>• Rolling pin or mallet</li><li>• Jewellery or A4 document box</li><li>• Marquetry coffee table</li><li>• clocks</li><li>• Speaker boxes</li><li>• Study desks</li><li>• Carved nameplates</li></ul> <p>Topics addressed:</p> <ul style="list-style-type: none"><li>• OH&amp;S with the increased use of power tools</li><li>• Furniture design</li><li>• Use of veneers</li><li>• Finishing techniques.</li></ul>

Shaker Pedestal Table

## PERSONAL QUALITIES REQUIRED TO COMPLETE THIS COURSE:

- Enjoyment of working and developing skills with hand and power tool
- Working with timber
- Independent worker

## SKILLS DEVELOPED DURING THE COURSE:

- Cabinetmaking, wood turning, carving and laminations
- Project development
- Creativity and design
- Appreciation of form and beauty of timber and the longevity of a good finish

## RELATED SUBJECTS IN YEAR 11 AND YEAR 12:

- ✓ Engineering Studies 2 Unit,
- ✓ Industrial Technology 2 Unit
- ✓ Design and Technology 2 Unit

**COSTS ASSOCIATED WITH THE COURSE:** Yr 9 - \$ 30 Yr 10 - \$ 30  
(clock mechanisms are extra)



# INFORMATION & SOFTWARE TECHNOLOGIES

Students in Year 9 and 10 will learn about computer systems as well as become proficient in the skills acquired by using a computer. The course has a substantial theoretical component. Most practical work will be carried out on the IBM compatible computers in a fully networked twenty station computer laboratory.

## YEAR 9 TOPICS

- **Computer Systems** – What are the basic parts of a computer system?
- **Hardware** – The physical parts of a computer system.
- **Software** – The programs (instructions) that control a computer's hardware.
- **People** – What are the different types of computer based jobs?
- **Technology** – How technology has altered our lives; both good and bad.
- **Project Design** – What are the skills used in project management?
- **Computer Solutions** – What are the problem solving techniques in using computer systems?
- **Discussion of the following** – Multimedia systems, digital systems



## YEAR 10 TOPICS

**Include FOUR of the following themes:**

- Network systems
- Internet and website development
- Database design
- Software development and programming
- Artificial Intelligence Systems

## PERSONAL QUALITIES REQUIRED TO COMPLETE THIS COURSE:

This course is designed for students with a genuine interest in computer technology and its applications. Students who want to be challenged to meet the increasingly rapid changes in technology will find that Computer Studies has a particular relevance both to their current needs and future plans.

## SKILLS DEVELOPED DURING THE COURSE:

- Gain knowledge about how the computers work
- Competent user of software packages that include word processing, spreadsheets, databases
- Gain skills that will be transferable from one brand of computer to another and from one computer program to another
- Create images using computer graphics
- Have a go at programming using Visual Basic
- Keep pace with the ever changing world of technology
- Appreciation of the effects computers have on society

## RELATED SUBJECTS IN YEAR 11 AND YEAR 12:

- ✓ Information Processes and Technology (IPT)
- ✓ Software Design and Development (SDD)
- ✓ VET I.T.

**COSTS ASSOCIATED WITH THE COURSE:** Materials Contribution: \$60 per year

# JAPANESE

The study of languages provides opportunities for students to become more accepting of diversity, more respectful of others and more aware of their place in the international community.

**This course is for beginners.**

YEAR 9 TOPICS
The components of this course are:
<ul style="list-style-type: none"><li>• Speaking</li><li>• Listening</li><li>• Reading</li><li>• Writing</li></ul>
Students will cover a range of topics eg.
<ul style="list-style-type: none"><li>• Meeting People</li><li>• Shopping</li><li>• Travel</li><li>• Special Occasions</li></ul>



YEAR 10 TOPICS
The components of this course are:
<ul style="list-style-type: none"><li>• Speaking</li><li>• Listening</li><li>• Reading</li><li>• Writing</li></ul>
Students will cover a range of topics eg.
<ul style="list-style-type: none"><li>• Eating out</li><li>• Future plans</li><li>• Sports</li></ul>

## PERSONAL QUALITIES REQUIRED TO COMPLETE THIS COURSE:

This course caters for students of all abilities. Knowledge, skills and attitudes developed by these students will have relevance to possible career paths especially in the business world and money market as well as general life experiences.

## SKILLS DEVELOPED DURING THE COURSE:

- Literacy
- Ability to communicate across cultures
- A better understanding of the student's own language
- Listening
- Speaking
- Reading
- Writing

## RELATED SUBJECT IN YEAR 11 AND YEAR 12

- ✓ Japanese Continuers 2 unit

## COSTS ASSOCIATED WITH THE COURSE:


Workbooks associated with the course  
Japanese/English dictionary (recommended)



# KOREAN

The study of languages provides opportunities for students to become more accepting of diversity, more respectful of others and more aware of their place in the international community.

**This course is for beginners.**

YEAR 9 TOPICS		YEAR 10 TOPICS
<p>The components of this course are :</p> <ul style="list-style-type: none"><li>• Speaking</li><li>• Listening</li><li>• Reading</li><li>• Writing</li></ul> <p>Students will cover a range of topics eg.</p> <ul style="list-style-type: none"><li>• Meeting People</li><li>• Shopping</li><li>• Travel</li><li>• Special Occasions</li></ul>		<p>The components of this course are :</p> <ul style="list-style-type: none"><li>• Speaking</li><li>• Listening</li><li>• Reading</li><li>• Writing</li></ul> <p>Students will cover a range of topics eg</p> <ul style="list-style-type: none"><li>• Eating out</li><li>• Future plans</li><li>• Sports</li></ul>

## PERSONAL QUALITIES REQUIRED TO COMPLETE THIS COURSE:

This course caters for students of all abilities. Knowledge, skills and attitudes developed by these students will have relevance to possible career paths especially in the business world and money market as well as general life experiences.

## SKILLS DEVELOPED DURING THE COURSE:

- Literacy
- Ability to communicate across cultures
- A better understanding of the student's own language
- Listening
- Speaking
- Reading
- Writing

## RELATED SUBJECT IN YEAR 11 AND YEAR 12:

- ✓ Korean Continuers 2 unit

## COSTS ASSOCIATED WITH THE COURSE:

Workbooks associated with the course  
Korean/English dictionary (recommended)



# MARINE & AQUACULTURE TECHNOLOGY

As an elective this course will provide an opportunity for students to develop the knowledge and skills to use to protect the way beautiful environments located near our school. We are close to the Parramatta River and Sydney Harbour as well as Lane Cove River, Bobbin Head and the waterways of Broken Bay, all of which will provide excellent places for practical experience.

## POSSIBLE STAGE 5 TOPICS

- Tourism and Leisure including snorkelling, fishing boat maintenance and repair
- Manufacture of fishing rods and equipment
- Local fishing industry



## POSSIBLE STAGE 5 TOPICS

- Aquarium Design
- Aquaculture – study of fish farming for the future
- Coastal Management
- Global warming effects on sea level

## PERSONAL QUALITIES REQUIRED TO COMPLETE THIS COURSE:

- Interest in the environment
- Desire to be involved in marine areas
- Willingness to learn new skills

## SKILLS DEVELOPED DURING THE COURSE:

- Personal water safety awareness
- Understanding of the marine and aquatic environment
- Manufacture and construction of equipment and other resources
- Ability to research, evaluate and identify employment opportunities

## RELATED SUBJECT YEARS 11 AND 12:

- ✓ Earth and Environmental Science
- ✓ Marine Studies
- ✓ Lifestyle Recreation
- ✓ Construction Work Studies
- ✓ Boat Building
- ✓ Tourism
- ✓ Biology
- ✓ Sport

## COSTS ASSOCIATED WITH THE COURSE:

Course fee: \$20 plus excursion costs

# MUSIC

Music as an elective subject offers a creative outlet to students who have demonstrated interest in performance or composition and wish to develop their skills and understanding of the workings of music. Students undertaking the subject should be prepared to learn an instrument and actively develop their performance skills through involvement in extra-curricular performance groups.

YEAR 9 TOPICS		YEAR 10 TOPICS
<p><b>Australian Music</b>  <b>Music 1600 – 1900</b>            These topics are explored through the use of the concepts:</p> <ul style="list-style-type: none"> <li>• Duration</li> <li>• Pitch</li> <li>• Texture</li> <li>• Structure</li> <li>• Expression</li> </ul> <p>Experienced by:</p> <ul style="list-style-type: none"> <li>• Performance</li> <li>• Listening</li> <li>• Composition</li> </ul>		<p><b>Songs and Song writing</b>  <b>Jazz – Practise, History and Style</b>  <b>Rock – Practise, History and Style</b>            These topics are explored through building and understanding of the concepts:</p> <ul style="list-style-type: none"> <li>• Duration</li> <li>• Pitch</li> <li>• Texture</li> <li>• Structure</li> <li>• Expression</li> </ul> <p>Experienced by:</p> <ul style="list-style-type: none"> <li>• Performance</li> <li>• Listening</li> <li>• Composition</li> <li>• Analysis</li> </ul>

## PERSONAL QUALITIES REQUIRED TO COMPLETE THIS COURSE:

- Interest in Music
- Willingness to be involved in Performance and Composition
- Ability to work as part of a team
- Reliability and commitment
- Enthusiasm
- Desire to improve and achieve

## SKILLS DEVELOPED DURING THE COURSE:

- Team work
- Ability to communicate ideas and feelings through the medium of music ideas via music
- Performance skills
- Self confidence

## RELATED SUBJECTS IN YEAR 11 AND YEAR 12:

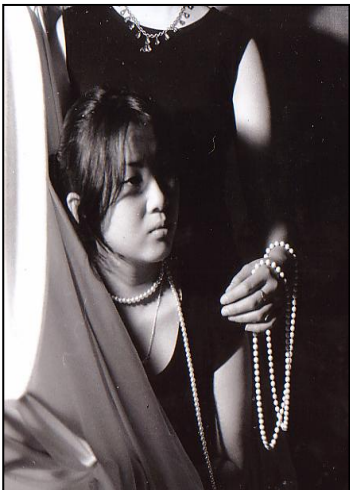
- ✓ Music 1 (2 unit)
- ✓ Music 2 (2 unit)
- ✓ Music Extension (1 unit – Year 12 only)

**COSTS ASSOCIATED WITH THE COURSE:** \$10 and relevant excursions

# PHOTOGRAPHY & DIGITAL IMAGING

If you enjoy taking Photographs, either DIGITALLY or with FILM, then you will experience an intensive investigation of **PHOTOGRAPHIC ART MAKING** for 6 periods a cycle!

This subject will allow students to view, document and respond to their world in a unique way, building skills with a variety of cameras as well as examining a range of related photographers. Students will build a portfolio demonstrating their ability to take, print and present high quality interesting photographs including the use of post production software such as Adobe Photoshop.

YEAR 9 TOPICS		YEAR 10 TOPICS
<p><i>The Camera -Tools for Art Making</i></p> <p><b>CAMERAS and COMPOSITION</b></p> <ul style="list-style-type: none"> <li>• Taking photographs on digital and analogue SLR cameras</li> <li>• Wet photography – using the darkroom</li> <li>• Using enlargers</li> <li>• Analysing and recording processes and practices</li> <li>•</li> </ul> <p><b>LIGHTING STILL IMAGES</b></p> <ul style="list-style-type: none"> <li>• Creating and analysing traditional and contemporary practices</li> </ul>		<p><i>Images-Tools for Manipulation</i></p> <p><b>METHODS OF MANIPULATION and ABSTRACTION</b></p> <ul style="list-style-type: none"> <li>• Adobe Photoshop – Digital manipulation</li> <li>• Darkroom manipulation and colour toning</li> <li>• Multiple exposure</li> <li>• Time settings on the camera</li> </ul> <p><b>MOVING IMAGE</b></p> <ul style="list-style-type: none"> <li>• Creating and Analysing Digital Movie imagery and contemporary practices</li> <li>• Editing and layering sound</li> </ul>

The Portrait

## PERSONAL QUALITIES REQUIRED TO COMPLETE THIS COURSE:

- Creative and interested in Photography, Design and Visual Arts
- Able to analyse and resolve problems in an interesting way
- Ability to work in a sustained manner

## SKILLS DEVELOPED DURING THE COURSE:

- Creative problem solving and independent learning
- Portfolio development – developing a series of quality images
- Curatorial skills – understanding how to display and present artwork

## RELATED SUBJECTS IN YEAR 11 AND YEAR 12:

- ✓ Visual Arts - 2 unit
- ✓ Photography & Digital Imaging 2 unit
- Personal Symbolic

**COSTS ASSOCIATED WITH THE COURSE: \$75**



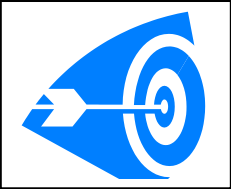
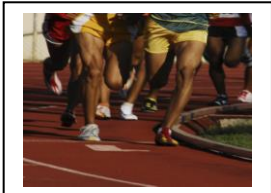
Personal Symbolic Still



Night Photography

# PHYSICAL ACTIVITY AND SPORTS STUDIES (P.A.S.S.)

Physical Activity and Sports Studies incorporates a wide range of lifelong physical activities, including recreational, leisure and adventure pursuits, competitive and non-competitive games, individual and group physical fitness activities and the use of physical activity for therapy and remediation.

YEAR 9 TOPICS		YEAR 10 TOPICS
<ul style="list-style-type: none"><li>• Body in Action</li><li>• Physical Fitness</li><li>• Coaching</li><li>• Nutrition and Physical Activity</li></ul>	 	<ul style="list-style-type: none"><li>• Australia's Sporting Identity</li><li>• Lifestyle, Leisure and Recreation</li><li>• Technology, Participation and Performance</li><li>• Enhancing Performance Strategies and Techniques</li></ul>

## PERSONAL QUALITIES REQUIRED TO COMPLETE THIS COURSE:

- Enthusiasm
- Enjoy sport
- Dedicated to attaining a high standard of skill development

## SKILLS DEVELOPED DURING THE COURSE:

- Work collaboratively
- Display management and planning to achieve personal goals
- Perform movement with increased proficiency
- Analyse and appraise information
- Team work
- Problem solving.

## RELATED SUBJECTS IN YEAR 11 AND YEAR 12:

- ✓ PDHPE
- ✓ Sport Lifestyle Recreation
- ✓ Marine Studies

## COSTS ASSOCIATED WITH THE COURSE: \$40



# TEXTILES TECHNOLOGY

Textiles Technology provides students with a broad knowledge of the properties, performance and uses of textiles. Students will be challenged to create and communicate their design ideas whilst learning practical skills.

## YEAR 9 TOPICS

This course is divided into two components:

**50% Practical  
50% Theory**

- Design
- Properties and Performance of Textiles
- Textiles and Society

### **Focus Areas:**

Textile Arts  
Apparel  
Furnishings  
Non Apparel

### **Projects:**

Beach Bags  
Funky Pyjamas  
Rag Doll Quilts  
Fabric Memory Books



## YEAR 10 TOPICS

This course is divided into two components:

**50% Practical  
50% Theory**

- Design
- Properties and Performance of Textiles
- Textiles & Society

### **Focus Areas:**

Costume  
Apparel

### **Projects:**

Theatrical Capes  
Casual Pants/Skirts  
Formal wear

## PERSONAL QUALITIES REQUIRED TO COMPLETE THIS COURSE:

- Enjoy designing and creating innovative items from textiles
- Enjoy practically based activities as projects are a major component of this course
- Ability to apply themselves to a project and find satisfaction in seeing a completed product.

## SKILLS DEVELOPED DURING THE COURSE:

- Investigate and develop creative design skills and document in design portfolios
- Design and construct textile projects
- Learn different techniques of textile construction, giving attention to detail
- Identify a variety of fibres, yarns and fabrics and understand their applications

## RELATED SUBJECTS IN YEAR 11 AND YEAR 12:

- ✓ Textiles Technology 2 unit
- ✓ Design and Technology 2 unit

## COSTS ASSOCIATED WITH THE COURSE: Yr 9 - \$20 Yr 10 - \$20

Students will need to supply their own fabrics and patterns for each project.

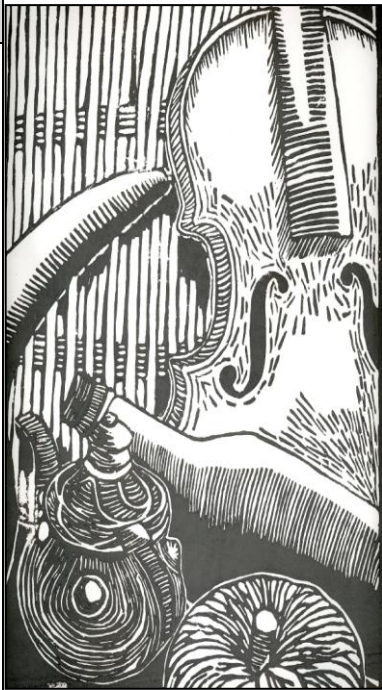


# VISUAL ARTS

(Including elements of Photography and Digital Imaging)

Visual Arts is a way of responding to the world around you. Through Painting, Photography, Digital Imaging, Video Production, Sculpture, Drawing and Printing we can explore our experiences, thoughts and feelings and give them a visual form.

Visual Arts students are also finding that their skills learnt at school are of critical importance to their careers. In the age of information technology and the mass media being able to visually communicate using computers, DVD's, digital cameras, JPG's, MPG's and the internet are of fundamental importance.

YEAR 9 TOPICS		YEAR 10 TOPICS
<p><i>The Still Life – A Recurring Theme</i></p> <p><b>DIGITAL IMAGING</b></p> <ul style="list-style-type: none"><li>• Capturing the image</li><li>• Using Photoshop</li><li>• Exploring printing options</li></ul> <p><b>DRAWING</b></p> <ul style="list-style-type: none"><li>• Charcoal</li><li>• Graphite</li><li>• Pen and Ink</li><li>• Brush and Ink</li></ul> <p><b>PAINTING</b></p> <ul style="list-style-type: none"><li>• Acrylic</li><li>• Gouache</li><li>• Oil</li></ul> <p><b>PRINTING</b></p> <ul style="list-style-type: none"><li>• Lino Block</li><li>• Etching</li><li>• Collograph</li></ul>		<p><i>Urban Landscape – Decay and Rebirth</i></p> <p><b>DIGITAL MANIPULATION</b></p> <ul style="list-style-type: none"><li>• Filters</li><li>• Layers and composition</li><li>• Exploring output files</li></ul> <p><b>SCULPTURE</b></p> <ul style="list-style-type: none"><li>• Plaster bandage</li><li>• Carving with aerated stone</li><li>• Clay construction</li></ul> <p><b>ENVIRONMENTAL SCULPTURE</b></p> <ul style="list-style-type: none"><li>• Exploring and changing the environment</li><li>• Documenting in 2D, 3D and 4D (Time based) forms</li></ul> <p><b>VIDEO PRODUCTION</b></p> <ul style="list-style-type: none"><li>• Story boarding</li><li>• Animation</li><li>• Editing with Premiere Pro</li></ul>

## PERSONAL QUALITIES REQUIRED TO COMPLETE THIS COURSE:

- Creative and interested in Visual Arts, Photography and Design
- Enthusiastic and dedicated
- Willing to explore a range of ways to express ideas

## SKILLS DEVELOPED DURING THE COURSE:

- Creative problem solving and independent learning
- ICT skills – online research, Adobe Photoshop and Premiere Pro
- Project Management – designing and resolving complex art making and Artwriting projects

## RELATED SUBJECTS IN YEAR 11 AND YEAR 12:

- ✓ Visual Arts 2 Unit
- ✓ Photography and Digital Imaging 1 or 2 Unit

**COSTS ASSOCIATED WITH THE COURSE:** \$50

# WORK EDUCATION

This course provides students with an Occupational Health and Safety (OH&S) White Card for work in the construction industry as well as the skills to successfully complete the transition from school to employment or further education. Students who elect to take the Work Education course will be involved in a variety of construction projects in the community and around the school.

It is a competency based course. They will acquire underpinning knowledge and skill related to work employment and further training.

**This course will be recognised as part of the student's pathway of study.**

YEAR 9 TOPICS WORK EDUCATION		YEAR 10 TOPICS Partial completion of Stage 6 HSC course Cert II in Building Construction Pathways CPC20208
<ol style="list-style-type: none"><li>1. Introduction to Workplace Safety</li><li>2. Workplace Environment</li><li>3. Enterprise Initiatives</li><li>4. What is work?</li><li>5. Learning in the Work Place</li><li>6. Industrial</li></ol>		<ol style="list-style-type: none"><li>1. 6 Core units</li><li>2. 6 elective modules from Construction Curriculum Framework</li><li>3. 35 hours compulsory work placement</li></ol>

## PERSONAL QUALITIES REQUIRED TO COMPLETE THIS COURSE:

- Physical fitness
- Self reliance
- Sense of humour
- Enthusiasm
- Commonsense
- Adaptability
- Positive self esteem

## SKILLS DEVELOPED DURING THE COURSE:

- Team work
- Measuring of materials for specific sites
- Basic construction skills
- Understanding of the workplace
- Understanding of related career options

## RELATED SUBJECTS IN YEAR 11 AND YEAR 12:

- ✓ Design and Technology 2 unit
- ✓ Industrial Technology 2 unit
- ✓ VET Construction 2 unit
- ✓ VET Retail 2 unit
- ✓ VET Hospitality 2 unit
- ✓ Work Studies 1 or 2 unit

**COSTS ASSOCIATED WITH THE COURSE: \$20**

### Important Note:

Students who complete Work Education in Year 9 will be fast tracked into Year 11 Construction in Year 10.

This allows students to get a head start on their HSC. It allows them to complete a possible 2 units by year 11 of Construction for their HSC.



